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DATE: September 3, 2002

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SERIAL NO.: 09/840,787
(Docket No. PF-0356-3 DIV)

ATTACHED: Response to Office Action of 1 May 2002

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I hereby certify that this paper is being facsimile transmitted to the attention of Examiner Elizabeth Slobodyansky, Group Art Unit 1652, USPTO, at Facsimile No. 703-308-4242 on 3 September 2002.


Signature of Lynn E. Murry

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Lal et al.

Title: **HUMAN REGULATORY MOLECULES**

Serial No.: 09/840,787

Filing Date:

23 April 2001

Examiner: Slobodyansky, E.

Group Art Unit

1652

Commissioner for Patents

Washington, DC 20231

RESPONSE TO OFFICE ACTION

Sir:

This is a response to the Office Action dated 1 May 2002. In that 1 September 2002 fell on a holiday weekend and the response is accompanied by petition for a one month extension of time and fee, the response is timely filed.

IN THE CLAIMS

Please amend claim 14 as shown in the "Version with Markings to Show Change Made".

Please make of record and consider new claim 21.

For the Examiner's convenience, all pending claims are shown below.

2. An isolated polynucleotide comprising a nucleic acid sequence encoding a protein having the amino acid sequence of SEQ ID NO:19 or the complete complement of the polynucleotide.
3. A composition comprising the polynucleotide of claim 2 and a reporter molecule.
4. An isolated polynucleotide consisting of the nucleic acid sequence of SEQ ID NO:68 or the complete complement of the polynucleotide.
5. A vector containing the polynucleotide of claim 2.
6. A host cell containing the vector of claim 5.
7. A method for using a polynucleotide to produce a protein comprising:
 - a) culturing the host cell of claim 6 under conditions for the expression of the protein; and
 - b) recovering the protein from the host cell culture.
8. A method for using a polynucleotide to detect expression of a nucleic acid in a sample, the method comprising:
 - a) hybridizing the polynucleotide of claim 2 to nucleic acids of the sample, thereby forming a hybridization complex; and

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